# RURAL DISTRICT COUNCIL

. . . OF . . .

# TONBRIDGE.

# ANNUAL REPORT

FOR

## 1898,

BY

JAMES SCOTT TEW, M.D., D.P.H.,

*MEDICAL OFFICER OF HEALTH.*

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# Annual Report on the Health of the Tonbridge Rural Sanitary District in 1898.

| Census 1881. | | Census 1891. | |
|---|---|---|---|
| No. of Acres | 41,761 | No. of Acres | 41,771 |
| Inhabited Houses | 2,918 | Inhabited Houses | 3,278 |
| Population | 15,184 | Population | 17,831 |

The **Population** of the Tonbridge Rural District was estimated, by the method adopted by the Registrar-General, to be **18,171** at the middle of 1898, showing an increase of 82 since the middle of 1897.

The number of registered births amounted to 428, which included 232 of males, and 196 of females, giving a **Birth-rate of 23·5** per 1,000 of population.

The registered deaths amounted to 304, including 168 of males and 136 of females. Among these 65 occurred among persons not belonging to the District, viz., in the Union Workhouse, and amongst non-resident hop-pickers.

The **Death-rate** was **13·1** per 1,000 of population as against 12·4 in the previous year and 14·2 in 1896.

Of the total 304 deaths, 27 were caused by one or other of the seven principal Zymotic diseases, viz., one by Scarlet Fever, nine by Diphtheria, three by Enteric Fever, three by Whooping-cough, and 11 by Diarrhœa.

The **Zymotic Death-rate** was **1·2** per 1,000 of population, as compared with 0·9 and 1·6 in the two previous years.

The **Infant Mortality,** *i.e.*, the number of deaths of Infants under one year of age per 1,000 registered births was **137,** as against 86 in 1897 and 115 in 1896.

During the year 1898 the birth-rate throughout England and Wales was 29·4; the general death-rate 17·6, and the Zymotic death-rate 2·2 per 1,000 of population. The rate of mortality amongst infants under one year of age per 1,000 registered births was 161.

# NOTIFIABLE DISEASES.

Under the provisions of the Infectious Disease (Notification) Act, 1889, 135 cases were notified as against 94 in the previous year.

They included 36 cases of Scarlet Fever, 59 of Diphtheria, 20 of Enteric Fever, one of Puerperal Fever, and 19 of Erysipelas.

**Small-pox.**—Not a single case of this disease occurred during the year.

**Scarlet Fever** contributed 36 cases. Five parishes were entirely free from the disease, viz., Ashurst, Bidborough, Hildenborough, Horsmonden, and Tonbridge Rural Parish, whilst the remaining parishes contributed to the number as follows:—Brenchley, 10; Capel-cum-Tudely, 2; Hadlow, 5; Lamberhurst, 1; Pembury, 2; and Speldhurst, 16.

During five months of the year, viz., January, February, April, May and July the district was free from the disease, and the cases were notified during the remaining seven months as follows:—

| | |
|---|---|
| In March .. .. .. .. .. | 3 cases. |
| ,, June .. .. .. .. .. | 3 ,, |
| ,, August .. .. .. .. .. | 9 ,, |
| ,, September .. .. .. .. | 4 ,, |
| ,, October .. .. .. .. .. | 6 ,, |
| ,, November .. .. .. .. | 7 ,, |
| ,, December .. .. .. .. | 4 ,, |
| Total .. .. .. .. | 36 cases. |

One case ended fatally in Brenchley, that of a boy aged nine years, in October.

The cases and death occurred at the following age-periods:—

| 1—5 years. | 5—15 years. | 15—25 years. | |
|---|---|---|---|
| 8 | 25 | 3 | = 36 cases. |
| | 1 | | = 1 death. |

**Diphtheria.**—This disease showed an increase of 10 cases from the number of the previous year, 59 cases having been notified.

It was prevalent throughout the district, only four parishes, Ashurst, Bidborough, Hadlow and Horsmonden having been free. The cases occurred:—3 in Brenchley, 10 in Capel-cum-Tudely, 1 in Hildenborough, 13 in Lamberhurst, 25 in Pembury, 1 in Speldhurst, and 6 in Tonbridge Rural Parish.

January was the only month of the year during which no notifications were received, the remaining 11 months contributing to the number as follows:—

| | | | |
|---|---|---|---|
| February .. | .. 6 cases. | September .. | .. 1 case. |
| March .. | .. 16 ,, | October .. | .. 4 cases. |
| April.. | .. 5 ,, | November .. | .. 4 ,, |
| May .. | .. 12 ,, | December .. | .. 4 ,, |
| June .. | .. 2 ,, | | — |
| July .. | .. 2 ,, | Total | .. 59 cases. |
| August | .. 3 ,, | | — |

The disease was of a somewhat virulent type, and nine cases ended fatally, giving a Diphtheria death-rate of 0·4 per 1,000 of population, and a case-mortality of 15·2 per cent.

The cases and deaths occurred at the following age-periods:—

| 0—1 year. | 1—5 years. | 5—15 years. | 15—25 years. | 25—65 years. | |
|---|---|---|---|---|---|
| 2 | 12 | 32 | 2 | 11 | = 59 cases. |
| 1 | 5 | 2 | — | 1 | = 9 deaths. |

Four of the patients removed, three from Lamberhurst and one from Brenchley, died at the Isolation Hospital.

The following detailed list shows the fatalities:—

| | | | |
|---|---|---|---|
| 1st Quarter 4 | February 7th | 4 years | Pembury. |
| | March 2nd | 3 ,, | ,, |
| | March 21st | 10 months | Lamberhurst (Hospital). |
| | March 23rd | 35 years | ,, ,, |
| 2nd Quarter 3 | April 21st | 8 years | Lamberhurst (Hospital). |
| | May 17th | 21 months | Tonbridge Rural. |
| | June 14th | 5 years | Capel. |
| 3rd Quarter 1 | September 5th | 3 years | Pembury. |
| 4th Quarter 1 | October 20th | 4 years | Brenchley (Hospital). |

**Enteric Fever.** Four times the number of cases reported during the previous year occurred during the year 1898, viz., 20 as follows:—In Brenchley, 1; in Hadlow, 1; in Hildenborough, 4; in Horsmonden, 3; in Lamberhurst, 2; in Speldhurst, 1, and in Tonbridge Rural Parish 8 cases.

During May, June, July and December, no cases were reported, the total number arising 3 in January, 2 in February, 2 in March, 4 in April, 4 in August, 2 in September, 2 in October and 1 in November.

Three of the cases ended fatally; 2 of these were non-resident in the district. The first 4 cases were reported from Hildenborough, 3 of which occurred in the same family, the disease having apparently been introduced from London.

The next case occurred at a cottage in the Tonbridge Rural Parish, where, subsequently, 6 more cases arose, the patients being all members of the same family.

They were notified on the following dates :—

| | Age. | | Age. |
|---|---|---|---|
| February 28th .. .. | 28 years. | April 23rd.. .. | 14 years. |
| March 22nd .. .. | 5 ,, | ,, .. .. | 12 ,, |
| ,, .. .. | 2 ,, | August 25th .. | 45 ,, |
| April 23rd .. .. | 8 months. | September 15th .. | 38 ,, |

The drainage of the cottage was overhauled, and although some slight defects became apparent, nothing was found which could be looked upon as the initial cause of the disease. All these 8 cases recovered.

On April 26th a case was notified from Speldhurst, and on August 30th the disease was reported three times from Horsmonden, the patients being a family consisting of father, mother and daughter.

Detailed investigations were made to discover the source of the disease. The sanitary arrangements were found to be defective, inasmuch as the closet was an old midden privy in bad condition, and the drain opened into a ditch near the privy. These defects were remedied, and all the patients made good recoveries.

The remaining 4 cases were notified, 1 from Hadlow in September, and 1 in each of the parishes of Brenchley and Lamberhurst in October. A second case arose in Lamberhurst in November.

Three deaths in all from Typhoid Fever occurred within the area of the district; 1 at the Workhouse (a resident of the district), and 2 non-residents (patients at the Tonbridge Urban District Hospital, Vauxhall Road.) These latter are of course not included in the rates.

The cases and deaths occurred at the following age-periods :—

| 0—1 year. | 1—5 years. | 5—15 years. | 15—25 years. | 25—65 years. | |
|---|---|---|---|---|---|
| 1 | 1 | 7 | 2 | 9 | = 20 cases. |
| — | — | — | 2 | 1 | = 3 deaths. |

**Puerperal Fever.**—One non-fatal case arose in Brenchley in December.

**Erysipelas.**—Nineteen cases were reported; 3 in Brenchley, 6 in Capel-cum-Tudely, 2 in Lamberhurst, 1 in Pembury, 5 in Speldhurst, and 2 in Tonbridge Rural Parish.

Three cases were fatal at the Workhouse, the patients not belonging to the district.

# NON-NOTIFIABLE DISEASES.

**Measles** was not at all prevalent at any time of the year and not a single death was caused by it.

**Whooping-cough** was responsible for three deaths only, one in Brenchley in February, one in Speldhurst in March, and one in Lamberhurst in May. The ages of the patients were 11 months, two years and three years respectively.

**Diarrhœa** caused 11 deaths, 2 in Brenchley, 2 in Capel-cum-Tudely, 1 in Hadlow, 2 in Horsmonden, 1 in Pembury, 2 in Speldhurst, and 1 in Tonbridge Rural Parish. The cases in Capel-cum-Tudely were those of non-resident hop-pickers. All the patients were infants aged one year and under.

**Influenza** was prevalent at the commencement of the year. Nine deaths were reported during the month of January, viz.: 6 at the Workhouse and 3 in Brenchley; February produced 5 deaths, viz.: 2 in Hadlow, 1 in Capel-cum-Tudely and 2 in Speldhurst; in March 1 death was returned from Speldhurst, making a total of 15 deaths.

The ages of the patients varied from 34 to 91 years.

# HOSPITAL ISOLATION.

Sixty-five cases of infectious disease, 27 of males and 38 of females, were treated at the Isolation Hospital at Capel during the year. They consisted of 33 cases of Scarlet Fever, 25 cases of Diphtheria and seven cases of Typhoid Fever.

They were admitted during the months of the year as follows :—

| | | |
|---|---|---|
| March .. .. | 11 | (3 Scarlet Fever, 8 Diphtheria.) |
| April .. .. | 6 | (3 Diphtheria, 3 Typhoid Fever.) |
| May .. .. | 6 | (Diphtheria.) |
| June .. .. | 3 | (2 Scarlet Fever, 1 Diphtheria.) |
| July .. .. | 2 | (Diphtheria.) |
| August .. .. | 11 | (9 Scarlet Fever, 1 Diphtheria, 1 Typhoid Fever.) |
| September .. .. | 4 | (3 Scarlet Fever, 1 Typhoid Fever.) |
| October .. .. | 10 | (5 Scarlet Fever, 3 Diphtheria, 2 Typhoid Fever.) |
| November .. .. | 7 | (Scarlet Fever.) |
| December .. .. | 5 | (4 Scarlet Fever, 1 Diphtheria.) |
| | 65 cases. | |

Four deaths, all due to Diphtheria, occurred at the Hospital during the year.

Two were those of a father and infant daughter, removed from Lamberhurst in March. The third fatal case also came from the same village in April, that of a girl aged 8 years and the fourth was admitted from Brenchley, that of a boy aged four years.

The longest stay in the Hospital was 68 days, the shortest stay 2 days (a fatal case), and the average stay 36 days.

Further improvements have again been made in the water supply at the Hospital. In April two new underground rain-water tanks were completed and connected with a pump, so that the contents of either can be available.

The tank containing the rain-water from Block I. is capable of holding 2,500 gallons, whilst the one connected with Block II. has three times that capacity.

A new pump has been put up near the caretaker's house and the well in the garden further protected by a layer of concrete having been laid on the surface for some distance round the top.

A nurse's bedroom has been added to Block II.

The Council have decided to provide an ambulance instead of hiring the one from the Urban District of Tonbridge, and a double coach-house has been erected with a view of having one vehicle to bring in the patients and another in which they can be taken home after recovery.

The farm house, known as "Dislingbury Farm," acquired by the Council in 1897, has been repaired, the water supply improved and the grounds put in order. This house is reserved for Small-pox, and several cases can be isolated at the shortest notice.

There is ample space for the erection of temporary buildings should occasion arise, and the district may be regarded as possessing the essentials for satisfactory isolation of this disease.

## INSPECTIONS.

It has not been necessary to take any proceedings in reference to dairies, cowsheds or slaughter houses other than by verbal notice.

Hop-picking was carried on under exceptionally favourable circumstances and scarcely any illness occurred among the hop-pickers in this district.

## DRAINAGE.

A Local Inquiry was held at Pembury, on March 3rd, by George Willcocks, Esq., M.I.C.E., with reference to a petition to the Local Government Board to issue a Provisional Order to empower the Rural District Council to put in force, with reference to certain lands required by them for the purpose of a Sewerage Scheme for the Parish of Pembury, the powers of the Lands Clauses Acts, with respect to the purchase and taking of lands otherwise than by agreement.

This petition was not granted, and Mr. Graham, the Engineer employed, has now another scheme in course of preparation having the proposed outfall in a different direction.

The houses in the village are at present drained into a system of inefficient and badly constructed cesspools, the water being derived from wells in the immediate vicinity.

A proper drainage system is urgently required.

The drainage of Paddock Wood, a portion of the Parish of Brenchley, is still under consideration; at present the cesspool system is anything but satisfactory.

An Inquiry was also held by Mr. Willcocks at Hildenborough, on June 30th, 1898, on account of complaints having been made to the Local Government Board that the Tonbridge Rural District Council have made defaults in providing the Parish of Hildenborough with sufficient sewers.

The main part of the village is provided with a sewerage system; the small portion not included in this area and consisting of a very small number of houses is about to be dealt with by the Council's Engineer.

The sewage outfall at Hadlow has been considerably improved during the past year under the supervision of Mr. Harris.

The settling tank has been enlarged and screening and chemical chambers added, and a better effluent is now produced.

At Golden Green an alteration in the drainage arrangements has been made. A large settling tank is provided with two sets of filtering chambers at the outlet, the tank itself being emptied every four or five months.

Outside the drained area air-tight sewage vans are in use, by which the contents of the cesspools are removed with the least possible nuisance. This work is carried out by the Council. Two vans are now in use and two more on order.

## WATER SUPPLY.

The Mid Kent Water Bill, which came before the Parliamentary Committee in May, 1898, sought to include in its area Hadlow, Capel-cum-Tudely, Brenchley, Lamberhurst, Horsmonden and so much of Pembury Parish as is not included within the limits of supply of water of the Borough of Tunbridge Wells.

The parishes taking a public supply of water will, however, receive water from the Mid Kent Company through the agency of the South Kent Company who have retained their powers for a limited area.

Some horses, slaughtered on account of glanders, were buried at Lower Green, Pembury, in what was considered too close vicinity to existing wells.

I reported to your Council on the matter at length. A deep trench was dug at the instance of the Parish Council, intervening between the place of burial of the horses and the wells.

Several examinations of the water were made, but the quality was found not to have deteriorated and no further action was taken in the matter.

## UNWHOLESOME MEAT.

On January 22nd some liver was sold at a shop in Hadlow, to the child of a local Police Constable, which had every appearance of being unfit to eat. It was brought to the Tonbridge Police Station, where I examined it and considered it unfit for human food. It was subsequentiy seen and condemmed by a Magistrate and a small fine imposed upon the Vendor.

## ELEMENTARY SCHOOLS.

It was not found necessary to advise the closure of any of the Elementary Schools on account of infectious disease during the year.

The Infectious Disease (Prevention) Act, 1890, and Part III. of the Public Health Acts Amendment Act, 1890, were adopted by the Tonbridge Rural District Council by a resolution passed at a Meeting on January 9th, 1891, and came into force on February 22nd, 1891.

The Private Streets Works Act has been adopted for certain streets in the Parish of Hildenborough, the final apportionment for the work having been made in February, 1898.

Bye-laws are in force in the district as follows :—

The Parish of Speldhurst has Bye-laws with regard to New Streets and Buildings and Slaughter-houses (allowed by the Local Government Board, September 11th, 1884).

Hildenborough and Tonbridge Rural Parish have Bye-laws for New Streets and Buildings (allowed June 1st, 1898), and at the present time Bye-laws, relating to New Streets and Buildings, have been drafted and await the approval of the Local Government Board in regard to all the remaining parishes in the area of the District Council, with the exception of the Parishes of Lamberhurt and Horsmonden, in which cases they have been remitted by the Council.

At the end of the year the District was very free from infectious disease.

Mr. Brown's Report of work done during the year, and the customary Tables and Vital Statistics are appended.

I have the honour to be, Gentlemen,

Your obedient Servant,

March 10th, 1899. J. S. TEW.

# Report of the Inspector of Nuisances of Work done during 1898.

| | | |
|---|---|---|
| Number of | bad or insufficient drainage and cesspools ... ... | 37 |
| ,, ,, | Bad construction or condition of privy or cesspool ... | 31 |
| ,, ,, | Foul or injurious pigstyes ... ... ... ... | 2 |
| ,, ,, | Dwellings in which Zymotic disease occurred cleansed and disinfected ... ... ... ... ... | 33 |
| ,, ,, | Hopper houses inspected and reported upon ... ... | 120 |
| ,, ,, | Schools disinfected and cleansed ... ... ... | 1 |
| ,, ,, | Dirty and dilapidated dwellings ... ... ... ... | 19 |
| ,, ,, | Dwellings overcrowded ... ... ... ... ... | — |
| ,, ,, | Offensive trades ... ... ... ... ... ... | 1 |
| ,, ,, | Other nuisances ... ... ... ... ... ... | 43 |
| ,, ,, | Offensive and dilapidated sinks ... ... ... ... | 24 |
| ,, ,, | Sinks disconnected ... ... ... ... ... | 18 |
| ,, ,, | Fish unfit for human food ... ... ... ... | 1 |
| ,, ,, | Fruit unfit for human food ... ... ... ... | — |
| ,, ,, | Insufficient privies and urinals ... ... ... ... | 9 |
| ,, ,, | Defective traps and drains ... ... ... ... | 36 |
| ,, ,, | Drains ventilated ... ... ... ... ... ... | 17 |
| ,, ,, | Deficient or impure water supply ... ... ... | 25 |
| ,, ,, | Houses connected with water mains ... ... ... | 12 |
| ,, ,, | Wells cleansed ... ... ... ... ... ... | 20 |
| ,, ,, | Samples sent to County Analyst ... ... ... | 2 |
| ,, ,, | Wells closed ... ... ... ... ... ... | — |
| ,, ,, | Rain water tanks cleansed ... ... ... ... | 12 |
| ,, ,, | Rain water tanks constructed ... ... ... ... | 9 |
| ,, ,, | Foul ponds... ... ... ... ... ... ... | 1 |
| ,, ,, | W.C.'s in a dirty state ... ... ... ... ... | 30 |
| ,, ,, | Water Certificates granted ... ... ... ... | 7 |
| ,, ,, | Pumps out of order and repaired ... ... ... | 8 |
| ,, ,, | Cowsheds and Dairies visited ... ... ... ... | 48 |
| ,, ,, | Visits where interference unnecessary ... ... .. | 207 |
| Included in | the above are structural alterations effected ... ... | 236 |
| Number of | Privies connected with W.C. ... ... ... ... | 7 |
| ,, ,, | Dry earth closets ... ... .. ... ... ... | 10 |
| ,, ,, | Kent ventilating privies ... ... ... ... ... | 6 |
| Referred to | Magistrates ... ... ... ... ... ... | — |

# TABLE I.

**The number of Deaths from all causes, and from the seven principal Zymotic Diseases, with their Death-rates; the principal causes of Death, and the Infant Mortality in the Tonbridge Rural District in each Quarter of 1898.**

| QUARTERS. | Total Deaths. | General Death-rate per 1,000. | Deaths from 7 principal Zymotics. | Zymotic Death-rate. | Small-pox. | Scarlet Fever. | Diphtheria. | Enteric Fever. | Puerperal Fever. | Cholera. | Erysipelas. | Measles. | Whooping-cough. | Diarrhœa. | Rheumatic Fever. | Phthisis. | Bronchitis, Pneumonia. | Heart Disease. | Influenza. | Injuries. | All other Diseases. | Deaths of Infants under 1 year per 1,000 births. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st | 99 | 15·8 | 7 | 1·3 | .. | .. | 4 | 1 | .. | .. | 3 | .. | 2 | .. | .. | 2 | 17 | 14 | 15 | 1 | 40 | 138 |
| 2nd | 58 | 10·3 | 4 | 0·8 | .. | .. | 3 | .. | .. | .. | .. | .. | 1 | .. | 1 | 6 | 5 | 3 | .. | 2 | 35 | 87 |
| 3rd | 82 | 14·3 | 9 | 1·5 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 8 | .. | 7 | 11 | 7 | .. | .. | 48 | 180 |
| 4th | 65 | 13·4 | 7 | 1·3 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. | 3 | .. | 5 | 7 | 9 | .. | .. | 37 | 154 |
| Totals | 304 | 13·1 | 27 | 1·2 | .. | 1 | 9 | 3 | .. | .. | 3 | .. | 3 | 11 | 1 | 20 | 40 | 33 | 15 | 5 | 160 | 137 |

# TABLE II.

## Deaths from Zymotic Diseases during the past ten years, and in 1898.

| Zymotic Diseases. | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Average of ten years. | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Small-pox .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·0 | 0 |
| Scarlet Fevers .. .. .. | 1 | .. | 1 | 1 | 2 | 7 | .. | 1 | 1 | .. | 1·4 | 1 |
| Diphtheria .. .. .. | 2 | .. | 2 | 3 | 2 | 7 | 2 | 3 | 11 | 8 | 4·0 | 9 |
| Fevers .. .. .. .. | 1 | 2 | 3 | 2 | 1 | 2 | .. | 1 | 2 | 1 | 1·5 | 3 |
| Measles .. .. .. .. | 8 | 8 | 2 | 3 | 2 | 3 | .. | 6 | 5 | 1 | 3·8 | 0 |
| Whooping-cough .. .. | 1 | 3 | 9 | 8 | 2 | 3 | 2 | 6 | 9 | 4 | 4·7 | 3 |
| Diarrhœa .. .. .. | 4 | 7 | .. | 4 | 4 | 2 | 2 | 3 | 2 | 5 | 3·3 | 11 |
| Total of Zymotics .. .. | 17 | 20 | 17 | 21 | 13 | 24 | 6 | 20 | 30 | 19 | 18·7 | 27 |
| Other Zymotics .. .. | 2 | .. | 5 | 11 | 22 | 11 | 6 | 13 | 6 | 8 | 8·4 | 18 |
| Totals .. .. .. .. | 19 | 20 | 22 | 32 | 35 | 35 | 12 | 33 | 36 | 27 | 27·1 | 45 |

# TABLE III.

**The larger Parishes in the Tonbridge Rural District arranged in order of their Death-rates with total Deaths; Deaths from the seven principal Zymotic Diseases and the Zymotic Death-rates in 1898.**

| Parishes. | Census Population 1891. | Total Deaths. | Death-rate per 1,000. | Deaths from 7 principal Zymotics. | Zymotic Death-rate. |
|---|---|---|---|---|---|
| Horsmonden .. .. .. | 1542 | 14 | 9·3 | 2 | 1·2 |
| Lamberhurst .. .. .. | 1886 | 19 | 10·0 | 2 | 1·0 |
| Brenchley .. .. .. .. | 3822 | 43 | 12·3 | 4 | 1·0 |
| Hildenborough .. .. .. | 1440 | 18 | 12·4 | 0 | 0·0 |
| Pembury .. .. .. .. | 1662 | 23 | 12·9 | 7 | 3·7 |
| Speldhurst.. .. .. .. | 2743 | 35 | 13·0 | 3 | 1·0 |
| Capel-cum-Tudely .. .. | 1128 | 15 | 14·8 | 1 | 0·8 |
| Hadlow .. .. .. .. | 2318 | 32 | 15·3 | 1 | 0·4 |
| Tonbridge .. .. .. .. | 750 | 20 | 23·9 | 4 | 2·6 |

## Table of Deaths during the Year 1898, in the Tonbridge Rural Sanitary District, classified according to Diseases, Ages, and Localities.

| Names of Localities adopted for the purpose of these Statistics; public institutions being shown as separate localities. | Mortality from all causes at subjoined Ages. | | | | | | | Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age. | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Fevers. | | | | | | | | | | | | | | | | |
| | At all ages. | Under 1 year. | 1 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 65. | 65 and upwards. | | Smallpox. | Scarlatina. | Diphtheria. | Membranous Croup. | Typhus. | Enteric or Typhoid. | Continued. | Relapsing. | Puerperal. | Cholera. | Erysipelas. | Measles. | Whooping Cough. | Diarrhœa and Dysentery. | Rheumatic Fever. | Phthisis. | Bronchitis, Pneumonia, and Pleurisy. | Heart Disease. | Influenza. | Injuries. | All other Diseases. | Total. |
| Ashurst | 5 | .. | 1 | .. | 1 | .. | 3 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 | 4 |
| Bidborough | 3 | 1 | .. | .. | .. | 1 | 1 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 |
| Brenchley | 43 | 10 | 2 | 1 | 2 | 11 | 17 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | 1 | .. | .. | .. | .. | 8 | 12 |
| | | | | | | | | 5 upwds. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5 | 8 | 3 | .. | 12 | 31 |
| Capel-cum-Tudely | 15 | 7 | 1 | 1 | .. | 3 | 3 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 6 | 8 |
| | | | | | | | | 5 upwds. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | 1 | .. | 2 | 7 |
| Hadlow | 32 | 9 | 1 | .. | 1 | 9 | 12 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 3 | .. | .. | .. | .. | 6 | 10 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | 2 | 1 | 13 | 22 |
| Hildenborough | 18 | 6 | 1 | .. | 1 | 4 | 6 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 5 | 7 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | .. | 2 | 6 | 11 |
| Horsmonden | 14 | 4 | 1 | .. | 1 | 4 | 4 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | 2 | 5 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | 6 | 9 |
| Lamberhurst | 19 | 1 | 3 | 1 | .. | 6 | 8 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | 4 |
| | | | | | | | | 5 upwds. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 2 | .. | .. | 7 | 15 |
| Pembury | 23 | 7 | 3 | .. | .. | 5 | 8 | Under 5 | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 2 | .. | .. | .. | .. | 2 | 10 |
| | | | | | | | | 5 upwds. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | .. | .. | 9 | 13 |
| Speldhurst | 35 | 9 | 1 | 1 | 1 | 12 | 11 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | 7 | 10 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 5 | 3 | 3 | .. | 13 | 25 |
| Tonbridge | 20 | 4 | 2 | 2 | 3 | 8 | 1 | Under 5 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 4 | 6 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 1 | 9 | 14 |
| Hop-pickers | 14 | 7 | 3 | 1 | .. | 2 | 1 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 1 | 2 | .. | .. | .. | .. | 5 | 10 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 3 | 4 |
| Workhouse | 63 | 4 | 1 | .. | 1 | 23 | 34 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 7 | 4 | 14 | 6 | .. | 25 | 58 |
| TOTALS | 304 | 69 | 20 | 7 | 11 | 88 | 109 | Under 5 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 3 | .. | 3 | 11 | .. | 1 | 13 | .. | .. | 1 | 51 | 89 |
| | | | | | | | | 5 upwds. | .. | 1 | 3 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 19 | 27 | 33 | 15 | 4 | 109 | 215 |

### The Subjoined Numbers have also to be taken into account in judging of the above Records of Mortality.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Deaths occurring within the District among persons not belonging thereto. | 65 | 10 | 4 | 1 | 2 | 22 | 26 | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 2 | .. | 1 | 2 | .. | .. | .. | 6 | 14 |
| | | | | | | | | 5 upwds. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 4 | 14 | 3 | .. | 22 | 51 |

**Table of Population, Births, and of New Cases of Infectious Sickness, coming to the knowledge of the Medical Officer of Health, during the Year 1898, in the Tonbridge Rural Sanitary District; classified according to Diseases, Ages and Localities.**

| Names of Localities adopted for the purpose of these Statistics; Public Institutions being shown as separate localities. | Population at all ages. | | Registered Births. | Aged under 5 or over 5. | New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health. | | | | | | | | | | | Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital. | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Fevers. | | | | | | | | | | | Fevers. | | | | | | |
| | Census, 1891. | Estimated to middle of 1898. | | | Smallpox. | Scarlatina. | Diphtheria. | Membranous Croup. | Typhus. | Enteric or Typhoid. | Continued. | Relapsing. | Puerperal. | Cholera. | Erysipelas. | Smallpox. | Scarlatina. | Diphtheria. | Membranous Croup. | Typhus. | Enteric or Typhoid. | Continued. | Relapsing. | Puerperal. | Cholera. | Erysipelas. |
| Ashurst .. .. .. | 181 | 156 | .. | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bidborough .. .. | 359 | 355 | .. | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Brenchley .. .. | 3822 | 3984 | .. | Under 5 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 8 | 2 | .. | .. | 1 | .. | .. | 1 | .. | 3 | .. | 7 | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Capel-cum-Tudely .. | 1128 | 1146 | .. | Under 5 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 1 | 9 | .. | .. | .. | .. | .. | .. | .. | 6 | .. | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| Hadlow .. .. .. | 2318 | 2218 | .. | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 5 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hildenborough .. .. | 1440 | 1446 | .. | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | 1 | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Horsmonden .. .. | 1542 | 1607 | .. | Under 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lamberhurst .. .. | 1886 | 1900 | .. | Under 5 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | 12 | .. | .. | 2 | .. | .. | .. | .. | 2 | .. | .. | 9 | .. | .. | 1 | .. | .. | .. | .. | .. |
| Pembury .. .. .. | 1662 | 1854 | .. | Under 5 | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 2 | 18 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| Speldhurst .. .. | 2743 | 2752 | .. | Under 5 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 12 | 1 | .. | .. | 1 | .. | .. | .. | .. | 5 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tonbridge .. .. | 750 | 753 | .. | Under 5 | .. | .. | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | .. | 4 | .. | .. | 6 | .. | .. | .. | .. | 2 | .. | .. | 3 | .. | .. | 4 | .. | .. | .. | .. | .. |
| TOTALS .. .. | 17831 | 18171 | 428 | Under 5 | .. | 8 | 12 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 6 | 4 | .. | .. | 1 | .. | .. | .. | .. | .. |
| | | | | 5 upwds. | .. | 28 | 47 | .. | .. | 18 | .. | .. | 1 | .. | 19 | .. | 27 | 21 | .. | .. | 6 | .. | .. | .. | .. | .. |